

Claims

1. An electrical connector for holding a flat flexible cable, said connector having a contact portion for holding said flat flexible cable and a body for accommodating said contact portion; the electrical connector being characterized in that said contact portion comprises:
 - a first contact beam in contact with one surface of said flat flexible cable;
 - a second contact beam in contact with the other surface of said flat flexible cable; and
 - a base beam for affixing said contact portion to the body; wherein
 - the ends of said first contact beam and said second contact beam on one side are free ends positioned in mutual opposition;
 - the other end of said first contact beam is attached to said second contact beam;
 - a rear end portion which is a free end is provided on the other end of said second contact beam;
 - said second contact beam is connected to the base beam;
 - said base beam comprises a structure affixed to the body;
 - said body comprises an actuator which engages with said rear end portion and actuates said first and second contact beams;
 - when said flat flexible cable is inserted into said contact portion in a natural shape in which no force is applied by said actuator, said first and second contact beams and said flat flexible cable have a portion of contact; and
 - said actuator is capable of engaging with said rear end portion to elastically deform the first contact beam and second contact beam and to close the opposing free ends of the first and second contact beams.
2. An electrical connector as recited in claim 1, characterized in that when said actuator engages with said rear end portion, moving said rear end portion upward with respect to the base beam and elastically deforming said second contact beam, said opposing free ends of the first and second contact beams are further closed.
3. An electrical connector as recited in either claim 1 or 2, wherein when said actuator presses said rear end portion to the base beam side to elastically deform said second contact beam downward, the opposing free ends of the first and second contact beams are opened.